

Application No. 10/717,578
Amendment dated January 25, 2006
Reply to Office Action of August 8, 2005

Docket No.: 3313-1060P

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A high strength multi-component alloy, expressed in terms of atoms based on the total number of atoms of the alloy, comprising:

a % Fe, $5 \leq a \leq 35$;

b% Co, $5 \leq b \leq 35$;

c% Ni, $5 \leq c \leq 35$;

d% Cr, $5 \leq d \leq 35$;

e% Cu, $5 \leq e \leq 35$; and

f% Al, $(5)(25) \leq f \leq 35$;

wherein $a + b + c + d + e + f \leq 100$.

2. (Original) The high strength multi-component alloy of claim 1, further comprises at least a secondary element other than Fe, Co, Ni, Cr, Cu and Al, in an amount within the range of 0.01-4.5 atom% based on the total number of atoms of the alloy.

3. (Original) The high strength multi-component alloy of claim 2, wherein the secondary element is selected from the group consisting of molybdenum, tungsten, niobium, tantalum, scandium, titanium, vanadium, manganese, zirconium, boron, carbon, nitrogen and silicon.

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4. (Original) The high strength multi-component alloy of claim 1, wherein the respective atomic percentages of Fe, Co, Ni, Cr and Cu are 13-19% based on the total number of atoms of the alloy.

5-7 (Cancelled)